What Is Claimed Is:

1. A method of fabricating a liquid crystal display panel having first and second substrates, the method comprising the steps of:

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forming a first electrode on the first substrate; forming a second electrode on the second substrate; assembling the first and second substrates;

forming a bistable twist nematic liquid crystal layer between the first and second substrates, wherein the bistable twist nematic liquid crystal layer having a monomer:

aligning the bistable twist nematic liquid crystal layer by applying electric fields; and

forming polymer networks by exposing the bistable twist nematic liquid crystal layer to light.

The method of claim 1, wherein the light includes ultraviolet rays.

- ${\tt 3.}$ The method of claim 1, wherein the electric fields includes a voltage in the range of 20 to 30 V.
- 4. The method of claim 1, wherein the first and second electrodes are selected from a group consisting of indium tin oxide (ITO) and indium zinc oxide (IZO).
- The method of claim 1, wherein the bistable twist nematic liquid crystal contains a chiral dopant.
- 6. A method of fabricating a liquid crystal display panel having first and second substrates, the method comprising the steps of:

injecting a bistable liquid crystal mixed with a chiral dopant and a monomer between the first and second substrates, wherein the bistable liquid crystal is aligned with a twist angle of 180 degrees;

applying a reset voltage to the bistable liquid crystal; and

polymerizing the monomer in the bistable liquid crystal, thereby forming a plurality of polymer networks.

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- 7. The method of claim 6, wherein the bistable liquid crystal in the step of polymerizing the monomer maintains an homeotropic alignment.
- 8. The method of claim 6, wherein the step of polymerizing the monomer includes exposing UV light to the bistable liquid crystal.
- The method of claim 6, wherein the steps of applying a reset voltage and polymerizing the monomer are simultaneously performed.
- 10. The method of claim 6, wherein the reset voltage is in the range of 20 to 30 V.
 - 11. A liquid crystal display panel, comprising:
 - first and second substrates; and
- a liquid crystal layer between the first and second substrates, wherein the liquid crystal layer has a photopolymerized monomer and is aligned perpendicular to the substrates.

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- 12. The liquid crystal display panel of claim 11, further comprising first and second electrodes on the first and second substrates, respectively.
- 13. The liquid crystal display panel of claim 12, wherein the first and second electrodes are selected from a group consisting of indium tin oxide (ITO) and indium zinc oxide (I2O).
- 14. The liquid crystal display panel of claim 11, wherein the liquid crystal layer includes a bistable nematic liquid crystal layer.
- 15. The liquid crystal display panel of claim 11, wherein the liquid crystal layer contains a chiral dopant.
- 16. The liquid crystal display panel of claim 11, wherein the liquid crystal layer contains at least one polymer network.